

Title (en)

Siloxane modified polyester for fibre treatment.

Title (de)

Siloxan modifizierter Polyester zur Behandlung von Fasern.

Title (fr)

Polyester modifié par du siloxane pour le traitement de fibres.

Publication

**EP 0510631 A1 19921028 (EN)**

Application

**EP 92106932 A 19920423**

Priority

JP 12223291 A 19910424

Abstract (en)

A fiber treating agent which is a silicone modified polyester in which a polyester has a polyorganosiloxane grafted thereto. The grafted polyester is the reaction product of an allyl ether containing polyester and a polyorganosiloxane wherein at least one of the silicon atoms of the polyorganosiloxane has a hydrogen atom attached thereto. Preferably, the hydrogen atom is attached to one terminal end of the polyorganosiloxane. The reaction product is modified by reacting the reaction product with a polycarboxylic anhydride, and the amine salt of the modified reaction product may be formed by reacting the modified reaction product with an aminoalkylalkoxysilane. Methods of treating fibrous materials are also described.

IPC 1-7

**C08G 63/676; C08G 63/695; C08G 77/445; C08G 77/46; D06M 15/507; D06M 15/643; D06M 15/647**

IPC 8 full level

**C08G 63/91** (2006.01); **C08G 63/695** (2006.01); **C08G 77/445** (2006.01); **C08G 81/00** (2006.01); **C08K 5/00** (2006.01); **C08L 67/00** (2006.01); **C08L 67/02** (2006.01); **D06M 15/507** (2006.01); **D06M 15/643** (2006.01); **D06M 15/647** (2006.01)

CPC (source: EP US)

**C08G 63/6954** (2013.01 - EP US); **C08G 77/445** (2013.01 - EP US); **C08G 81/00** (2013.01 - EP US); **D06M 15/507** (2013.01 - EP US); **D06M 15/6436** (2013.01 - EP US); **D06M 15/647** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0510631 A1 19921028; EP 0510631 B1 19960703**; CA 2066897 A1 19921025; CA 2066897 C 20020521; DE 69211899 D1 19960808; DE 69211899 T2 19961212; JP 3007711 B2 20000207; JP H04327271 A 19921116; US 5290320 A 19940301; US 5417867 A 19950523

DOCDB simple family (application)

**EP 92106932 A 19920423**; CA 2066897 A 19920423; DE 69211899 T 19920423; JP 12223291 A 19910424; US 13116693 A 19931004; US 87124292 A 19920420